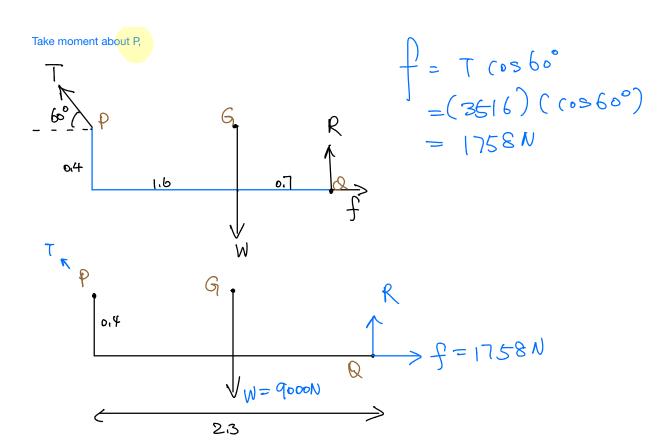




TCOSGO CON 
$$W = 9000N$$

anti clockwise moment = clockwise moment

$$(W)(2.3) + (T_{cos}60^{\circ})(0.4) = (T_{sin}60^{\circ})(2.3)$$
  
 $T = 3516 N$ 



anti clockwise moment = clockwise moment

$$(R) (2.3) + (f) (0.4) = (W)(1.6)$$

$$R 2.3 + (1758)(0.4) = (9000)(1.6)$$

$$R = 5955.1 N$$